

## Gulf of Mexico Harmful Algal Bloom Bulletin

20 March 2006

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: March 13, 2006

### Conditions Report

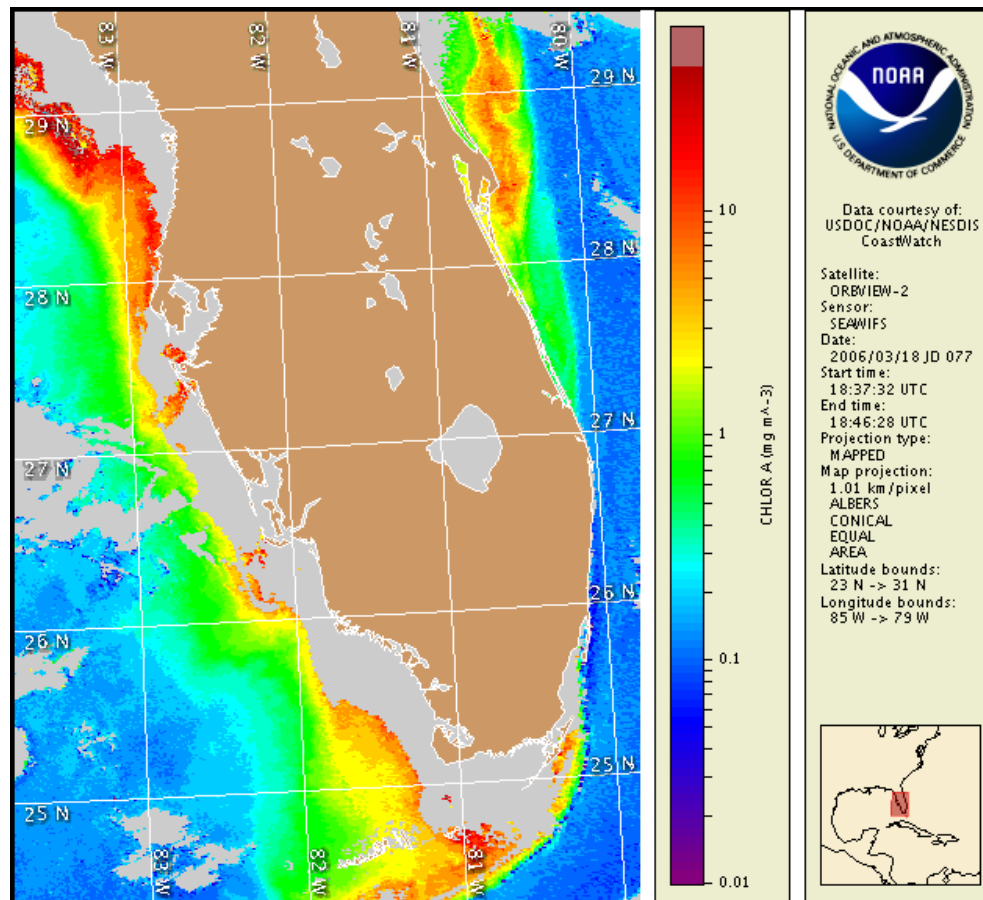
No impacts are expected in any Florida Counties this week. Due to current harmful algal bloom inactivity, bulletins are issued each Monday, until conditions warrant continuance of twice weekly bulletins.

### Analysis

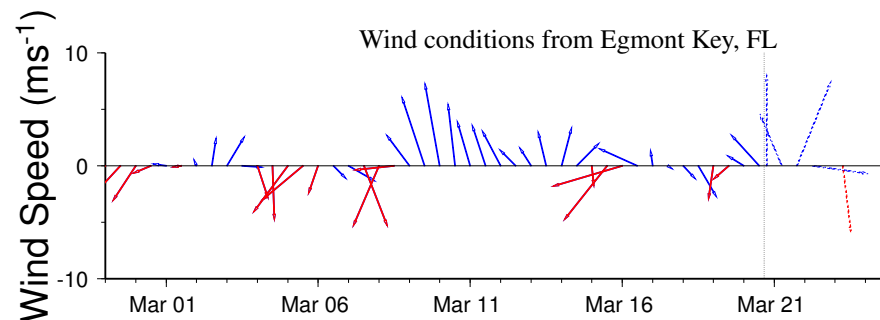
A chlorophyll band remains consistently elevated along the coast, although nearshore cloudiness limits analysis. Chlorophyll continues to remain elevated in the Keys. Samples indicated that *K. brevis* was not present in the western GOM (3/13-17; FWRI), although additional sampling is being pursued for Okaloosa County. A fish kill report was generated on 3/13 in Choctaw Bay (FWRI). Strong winds are expected through Wednesday and continue to be variable throughout this week.

Please note in the bulletin that the missing Keys on the first page imagery has been noted. This is a satellite navigation problem and GeoEye is aware of the problem.

~Fenstermacher



Satellite chlorophyll image with possible HAB areas shown by red polygon(s).

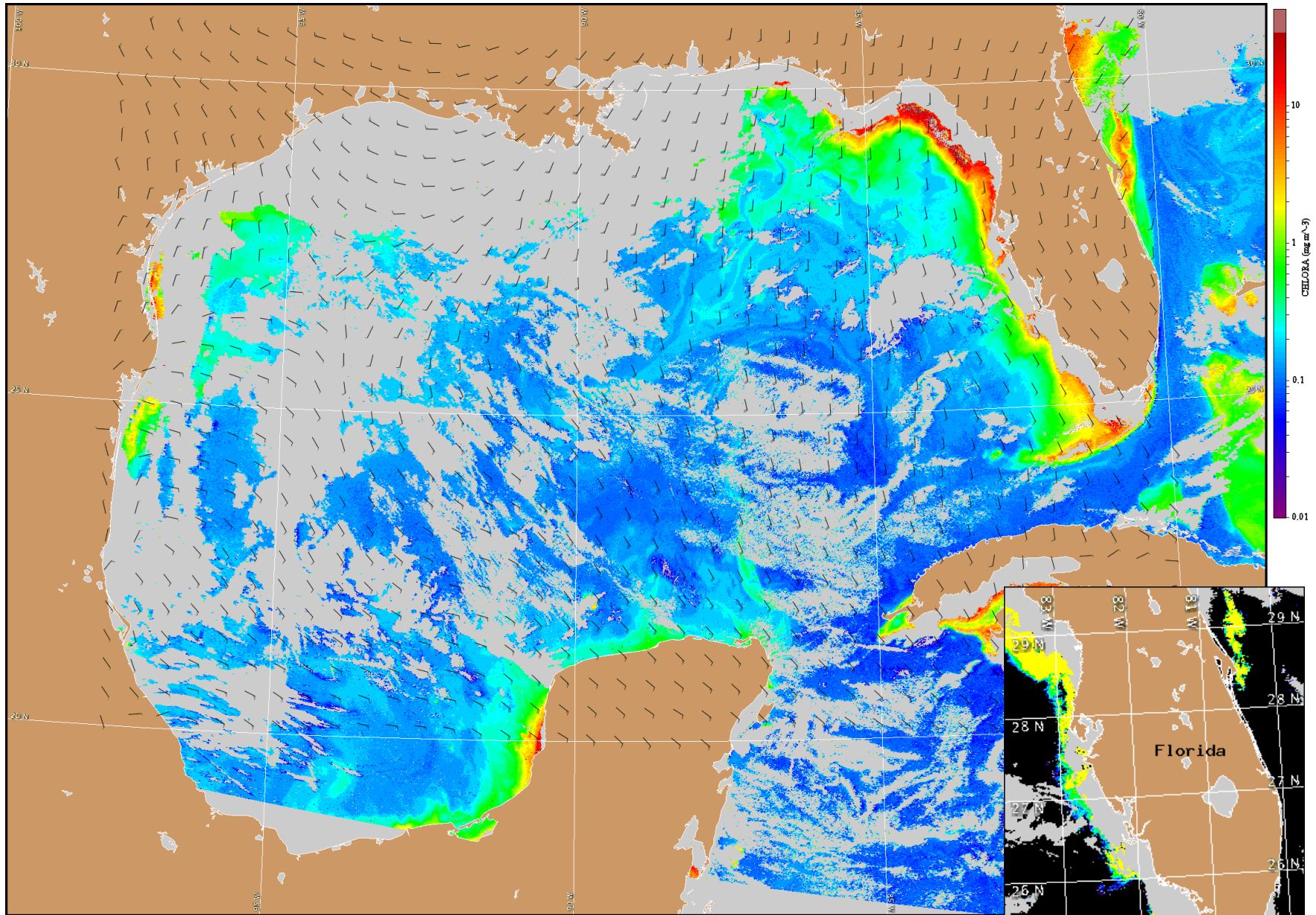


Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive OrbImage approval via the CoastWatch Program.

Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

SW Florida: Strong southerlies through Tuesday followed by northwesterlies Tuesday night and Wednesday (15-20 knots; 8-10 m/s). Northeasterlies to northerlies on Wednesday through Friday (5-15 knots; 3-8 m/s).



Satellite chlorophyll image and forecast winds for March 21, 2006 06Z.

Verified HAB areas shown in red. Other bloom areas shown in yellow (see p. 1 analysis for interpretation).